

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SR00244BO

This Certificate issued to BAE SYSTEMS Information and Electronic Systems Integration Inc.
65 Spit Brook Road
Nashua, NH 03061

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 29 of the Federal Aviation Regulations.

Original Product Type Certificate Number : H4EU
Make : Eurocopter France
Model : AS332L, AS332L1

Description of Type Design Change:

Installation of a BAE Systems AN/ALQ-144B(V)2 IRCM in accordance with Pro Star Aviation Master Document List 20547-MDL-01, Revision B, dated September 11, 2006, or later FAA approved revision.

Limitations and Conditions:

1. Operation must be in accordance with Pro Star Aviation Rotorcraft Flight Manual Supplement (RFMS) Document Number 20547-FMS-01, Revision IR, dated September 12, 2006, or later FAA approved revision.

The RFMS must be carried in the aircraft during all flights.

(Limitations and Conditions continued on Page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 5, 2005

Date reissued: September 20, 2006; March 22, 2012

Date of issuance: September 12, 2006

Date amended:



By direction of the Administrator

(Signature)

William Witzig
Manager
Boston Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate

(Continuation Sheet)

Number SR00244BO

Effective March 22, 2012

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to (*Name of transferee*) _____

(*Address of transferee*) _____

(*Number and street*)

(*City, State, and ZIP code*)

from (*Name of grantor*)(*Print or type*) _____

(*Address of grantor*) _____

(*Number & street*)

(*City, State, and ZIP code*)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (*In ink*): _____

Supplemental Type Certificate

(Continuation Sheet)

Number SR00244BO

Effective March 22, 2012

Limitations and Conditions: (continued from Page 1 of 3)

2. Maintenance must be in accordance with Pro Star Aviation Instructions for Continued Airworthiness (ICA) Document Number 20547-ICA-01, Revision IR, dated April 20, 2005, or later FAA accepted revision.
The ICA must be made available to the operator at the time of installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.
4. FAA Certification of this installation was limited to the evaluation of the electronic countermeasures equipment's effects on the safe operation of the rotorcraft, and does not connote FAA endorsement of the effectiveness of the equipment in countering a MANPADS threat. In addition, the FAA has not evaluated the safety of the IRCM system for use on the ground or in the air.
5. This STC is for government use only.

Certification Basis:

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Eurocopter France AS332L and AS332L1 rotorcraft with BAE Systems AN/ALQ-144B(V)2 IRCM installed is as follows (the change is determined to be **not significant**):

- a. The type certification basis for Eurocopter France AS332L and AS332L1 rotorcraft is shown on TCDS H4EU for parts **not changed or not affected** by the change.
- b. The certification for parts **changed or affected** by the change, as of the July 5, 2005 application date, is based upon part 29 as amended by Amendment 29-47.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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